LASERJET ENTERPRISE 500 COLOR M551 SERIES

M551n • M551dn

Professional color, intuitive manageability, and world-class extensibility—all for an outstanding value. Help your business prints make more of an impact—produce high-quality color marketing materials and more. Count on HP for energy-saving features.

Make your business look its best with high-performance color—without paying extra for black-only printing

- Create realistic color and crisp details that you can depend on, using HP EasyColor technology.
- Increase color accuracy with HP ImageREt 3600 and HP ColorSphere toner technology.
- Achieve low-cost, high-quality printing right out of the box. This HP LaserJet ships with a complete set of cartridges—on average, nearly two times more black toner and more than two times the color toner of leading competitors—a value of approximately $350.[10]
- Print black text affordably, using an optional high-capacity black toner cartridge.[2, 3]

Invest in a printer that's as easy to use as it is to manage

- Manage jobs directly from the printer with a four-line color display, and easily print from a flash drive.
- Make printing as mobile as you are with HP ePrint.[5]
- Process jobs securely through user authentication—even add optional authentication security solutions.
- Easily control color usage with HP Color Access Control, plus proactively manage printing environments.

Lead your business to a more responsible approach to printing and handling sensitive data

- Easily update, manage and expand the capabilities of networked printers, and do more with your investment.
- Add capabilities to your HP LaserJet when you take advantage of HP Partner program.
- Integrate optional productivity and security solutions through the hardware integration pocket.[4]
- Save space using a desktop printer with 600-sheet paper capacity, or add up to 1,100-sheet capacity.[1]

Reduce energy use by 19 to 66% by setting the Auto-On/Auto-Off mode[7]

- Reduce energy with HP Auto-On/Auto-Off Technology.[6] Also save with Instant-on Technology.[8]
- Collect data, create reports and control settings, using HP EcoSMART Fleet—an extension of HP Web Jetadmin.[7]
- Save time with convenient cartridge installation, and get free, easy cartridge recycling.[9]
- Conserve resources and save paper, using automatic two-sided printing—get up to 50% paper-savings.

ECOHIGHLIGHTS

HP LaserJet Enterprise 500 Color M551 Series

- Save energy—HP Auto-On/Auto-Off Technology turns your printer on when you need it, Off when you don't.[1]
- Reduce energy use with Instant-on Technology.[2]
- Free, convenient cartridge recycling in 53 countries.

ENERGY STAR® Qualified Product

[1]HP Auto-On and Auto-Off capabilities subject to printer and settings.
[2]Compared with products that use traditional fusing.

www.hp.com/la/ecosolutions

Please recycle your computing hardware and printing supplies. HP asset management and recycling services make responsible disposal easy.

[1]The 1 x 500 sheet feeder may be purchased separately for the HP LaserJet Enterprise 500 Series Printers. [2]The HP 507X Black LaserJet Toner Cartridge not included; please purchase separately. [3]Compared with HP LaserJet Enterprise P3015 series. Assuming customer is printing at least 30% of total pages in color with content similar to the color ISO/IEC 19798 test suite (http://www.iso.org/jtc1/sc28) and overall average job length of three pages. Yields established using ISO/IEC test standards. Actual yields and costs vary considerably depending on images printed, number of color pages printed, and other factors. [4]Solutions deployed through the hardware integration pocket may require additional purchase. [5]Requires an Internet connection to the printer. Feature works with any Internet- and e-mail-capable device. Print times may vary. For a list of supported documents and image types, see http://www.hp.com/go/eprintcenter. Some HP LaserJet products will require a firmware upgrade. [6]Energy saving based on internal HP testing of Auto-On/Auto-Off setting compared to default setting. Minimum savings based on a 45-minute sleep delay. Maximum savings based on a 1-minute sleep delay. Actual results may vary. [7]HP Web Jetadmin is free and can be downloaded at http://www.hp.com/go/webjetadmin. HP EcoSMART Fleet must be purchased separately. [8]Compared with products that use traditional fusing. [9]Program availability varies. HP print cartridge return and recycling is currently available in more than 50 countries and territories around the world through the HP Planet Partners program. For more information, or to request return envelopes and bulk collection boxes, visit http://www.hp.com/recycle. [10]Based on the amount of black and color toner that ships with the printer and the majority of top competitive printers by market share as reported by Gap Intelligence as of 08/01/11.

HP LASERJET ENTERPRISE 500 COLOR M551 SERIES

1. Hardware Integration Pocket for solution integration
2. Walk-up USB port
3. 4-line graphical color display
4. Front door allows convenient access to four, all-in-one HP toner cartridges
5. Built-in automatic two-sided printing
6. 100-sheet multipurpose tray 1 handles heavy custom media up to 58 lb bond
7. On/Off button
8. 500-sheet input tray (optional second 500-sheet tray for a 1,100-sheet total input capacity)
9. Slot for a cable-type security lock
10. Hi-Speed USB 2.0 printing port
11. HP Jetdirect Gigabit Ethernet embedded print server
12. 1024 MB total memory and an 800 MHz processor quickly handle complex print jobs
13. Two internal host USB 2.0-type ports for 3rd party solutions

HP LaserJet Enterprise 500 color M551dn printer shown

Series at a glance

	M551n	M551dn
Part number	CF081A	CF082A
100-sheet multipurpose tray 1	√	√
500-sheet input tray 2	√	√
Automatic two-sided printing	NA	√
Hardware Integration Pocket	NA	√
Walk-up USB port	NA	√
ENERGY STAR® qualified	NA	√

TOP FEATURES

The HP LaserJet Enterprise 500 color M551 printer series gives productivity a boost with the power of color. The printer's top features are highlighted below. For a more in-depth look at these features and their benefits, see the pages that follow.

Business-boosting color

Produce professional marketing materials that maintain realistic color and crisp detail with HP EasyColor technology.

Achieve low-cost, high-quality printing right out of the box. This HP LaserJet ships with a complete set of cartridges—on average, nearly two times more black toner and more than two times the color toner of leading competitors.[12]

Keep black printing costs low—even when you print in color.

You'll get the same black cost per page as from a black-only

HP LaserJet.[3] Save money and minimize interruptions with high-capacity black toner cartridges designed for frequent printing.[2]

Market-leading manageability

Easily handle print jobs and quickly check printer status directly from the printer with the four-line color control panel. Use the walk-up USB port to print from a flash drive.[4]

Print where business takes you. HP ePrint offers solutions for printing within your secure company network[6] or printing to public locations like airports and hotels.[7] Plus, use e-mail to print from your smartphone to an ePrint-enabled printer.[5]

Keep confidential information secure by requiring a PIN to retrieve print jobs. Maintain secure access to the printer with the hardware integration pocket. Easily incorporate authentication solutions such as badge and card readers.[4, 13]

Efficiently manage color printing capabilities with HP Color Access Control. Easily control devices with industry-leading HP Web Jetadmin—even deploy HP Auto-On/Auto-Off technology.[9] Use HP Universal Print Driver for instant access to many HP print devices.

Inventive expandability

Update, manage, and extend printer capabilities, using HP FutureSmart Firmware. Updating and upgrading enables you to simplify the development and deployment of customized HP, and third-party workflow and document management solutions.

Easily incorporate optional productivity and security solutions, using the hardware integration pocket on the control panel.[4, 13] Maintain a seamless appearance while adding applications

that could boost efficiency and security.

Improve productivity, using a compact color laser printer with 600-sheet capacity—ideal for desktops. Easily add up to 1,100-sheet capacity.[1]

Outstanding energy and paper savings

Reduce energy use by 19 to 66% by setting the Auto-On/Auto-Off mode.[9] Save even more energy with Instant-on Technology.[8] Monitor, manage and control the impact of your printing and imaging environment with HP EcoSMART Fleet—an extension of HP Web Jetadmin.[10] Use real-time data to create scenarios to study and control the energy, carbon footprint and paper-savings.
Rely on easy installation and maintenance with all-in-one Original HP LaserJet cartridges. HP helps you recycle toner cartridges—it's free and easy with the HP Planet Partners program. HP never refills, resells or sends print cartridges to a landfill.[11]
Responsibly manage paper usage and get up to 50% paper savings.[4] Prevent wasted paper and easily print on both sides of a page, using automatic two-sided printing.[4]

Get the most out of your printer with HP accessories, supplies, and services.

500-sheet Paper Tray
Improve productivity with impressive paper capacity, using this workhorse color laser printer. Get up to 1100-sheet capacity to save time and complete large print jobs without reloading. Gain media flexibility while decreasing time spent loading paper.

CF084A

HP Services

Downtime can have serious consequences, so HP provides support beyond the standard warranty. You benefit from reduced risk, maximized uptime, predictable service delivery and no unbudgeted repair costs. Choose from:

Optimized Care (optimum performance and stability):
4 hour Onsite Support, Maintenance Kit Replacement Service, Installation with Network Configuration Service
Standard Care (high level of uptime)
Next Business Day Onsite Support, Maintenance Kit Replacement Service, Installation with Network Configuration Service
Basic Care (minimum recommended support
Next Business Day Onsite Support

4 hr Onsite Support: Onsite support within four hours after a service call received within the coverage window
Next Business Day Onsite Support: Onsite service the next business day after the service call is received
Maintenance Kit Replacement Service: Onsite replacement of your printer's maintenance kit including parts, materials, and labor
Installation with Network Configuration Service: Assembly, network configuration, and basic administrator familiarization
For more information about HP Care Pack, HP Contractual, or HP Managed Print Services, visit www.hp.com/go/printservices

Printer

HP LaserJet Enterprise 500 color M551n	CF081A
HP LaserJet Enterprise 500 color M551dn	CF082A

HP LaserJet Print Cartridges[14]

HP 507A Black LaserJet Toner Cartridge (~ 5,500 ISO yield)	CE400A
HP 507X Black LaserJet Toner Cartridge (~ 11,000 ISO yield)	CE400X
HP 507A Cyan LaserJet Toner Cartridge (~ 6,000 ISO yield)	CE401A
HP 507A Yellow LaserJet Toner Cartridge (~ 6,000 ISO yield)	CE402A
HP 507A Magenta LaserJet Toner Cartridge (~ 6,000 ISO yield)	CE403A

Accessories

HP Color LaserJet 500-sheet Paper and Heavy Media Tray	CF084A
110-volt Fuser Kit	CE484A
220-volt Fuser Kit	CE506A
Toner Collection Unit	CE254A

HP Care Pack Services

HP 3-year 4-Hour 9x5 Onsite Color LaserJet M551 HW Support	HZ620E
HP 4-year Next Business Day Color LaserJet M551 HW Support	HZ627E

Connectivity

HP Jetdirect ew2500 Wireless Print Server	J8021A
HP Jetdirect 2700w USB Wireless Print Server (available early 2012)	J8026A

Paper: www.hp.com/go/paper

Software
HP Web Jetadmin: www.hp.com/go/wja
HP Easy Printer Care: www.hp.com/go/easyprintercare
HP Universal Print Driver: www.hp.com/go/upd
HP Install Network Printer Wizard: www.hp.com/go/inpw_sw

[1]The 1 x 500 sheet feeder may be purchased separately for the HP LaserJet Enterprise 500 Series Printers. [2]The HP 507X Black LaserJet Toner Cartridge not included; please purchase separately. [3]Compared with HP LaserJet Enterprise P3015 series. Assuming customer is printing at least 30% of total pages in color with content similar to the color ISO/IEC 19798 test suite (http://www.iso.org/jtc1/sc28) and overall average job length of three pages. Yields established using ISO/IEC test standards. Actual yields and costs vary considerably depending on images printed, number of color pages printed, and other factors. [4]Automatic two-sided printing, walk-up USB and hardware integration pocket available only on the HP LaserJet Enterprise 500 color M551dn printer. [5]Requires an Internet connection to the printer. Feature works with any Internet- and e-mail-capable device. Print times may vary. For a list of supported documents and image types, see http://www.hp.com/go/eprintcenter. Some HP LaserJet products will require a firmware upgrade. [6]HP ePrint Enterprise requires Internet- and e-mail-capable BlackBerry® smartphone OS 4.5 or newer, iPhone® 3G or newer, running iOS 4.2 or later, HP webOS devices running webOS 1.45 or 2.0, or Android™ device running version 1.4 or newer, with separately purchased wireless Internet service, HP ePrint Enterprise server software and HP ePrint services app. Solution works with PCL 5/6, PCL 3, PCL 3 GUI printers (HP and non-HP). BlackBerry® requires BlackBerry Enterprise Server (BES) deployment. [7]Usage of HP ePrint at mobile print locations requires Internet- and email-capable smartphone with separately purchased wireless Internet service, and the HP ePrint services app. Availability and cost of printing varies by mobile print location. Visit http://www.hp.com/go/eprintmobile to view the list of applicable smartphones and operating systems. [8]Compared with products that use traditional fusing. [9]Energy saving based on internal HP testing of Auto-On/Auto-Off setting compared to default setting. Minimum savings based on a 45-minute sleep delay. Maximum savings based on a 1-minute sleep delay. Actual results may vary. [10]HP Web Jetadmin is free and can be downloaded at http://www.hp.com/go/webjetadmin. HP EcoSMART Fleet must be purchased separately. [11]Program availability varies. HP print cartridge return and recycling is currently available in more than 50 countries and territories around the world through the HP Planet Partners program. For more information, or to request return envelopes and bulk collection boxes, visit http://www.hp.com/recycle. [12]Based on the amount of black and color toner that ships with the printer and the majority of top competitive printers by market share as reported by Gap Intelligence as of 08/01/11.
[13]Solutions deployed through the hardware integration pocket may require additional purchase. [13]Declared yield value in accordance with ISO/IEC 19798. Actual yields vary considerably based on images printed and other factors. For more information, visit http://www.hp.com/go/learnaboutsupplies

LASERJET ENTERPRISE 500 COLOR M551SERIES

Technical specifications	HP LaserJet Enterprise 500 color M551n (CF081A)	HP LaserJet Enterprise 500 color M551dn (CF082A)
Print Speed[1]	Color and Black: Up to 33 ppm letter (up to 32 ppm A4)	
First Page Out[2]	Color and Black (A4, ready): As fast as 11 sec	
HP ePrint Capability	Yes	
Print Resolution	Black (best): Up to 1200 x 1200 dpi; Black (normal): Up to 600 x 600 dpi; Color (best): Up to 1200 x 1200 dpi	
Print Technology	Laser	
Control Panel	4-line graphical color display, 3 lights (Attention, Data, Ready), 7 buttons (Help, Menu, OK, Stop, Back, Down, Up)	
Print Resolution Technology	HpImageRet 3600, PANTONE Calibrated	
Processor	Type: ARM Cortex-A8; Speed: 800 MHz	
Memory	1 GB (1024 MB)	
Display	4-line LCD (color graphics)	
Durability Ratings	Duty cycle[3]: Up to 75,000 pages (A4/letter); Recommended monthly page volume[4]: 1,500 to 5,000 pages	
Paper		
Input	100-sheet multipurpose tray, 500-sheet input tray 2	
Output	250-sheet output bin	
Duplex Print Options	Manual (driver support provided)	Automatic (standard)
Media Types	Paper (plain, light, bond, recycled, mid-weight, heavy, mid-weight glossy, heavy glossy, extra heavy, extra heavy glossy, cardstock, card glossy) color transparency, labels, letterhead, envelope, preprinted, prepunched, colored, rough, opaque film, user-defined	
Media Sizes	Tray 1: 3 x 5 to 8.5 x 14 in; Tray 2: 4.0 x 5.85 to 8.5 x 11.69 in	
Media Weight	Tray 1: 16 to 58 lb (plain); 28 to 58 lb (glossy); Tray 2: 16 to 43 lb (plain paper); 28 to 58 lb (glossy paper)	
Interfaces	1 Hi-Speed USB 2.0 Host port; 1 Hi-Speed USB 2.0 Device port; 1 Gigabit Ethernet 10/100/1000Base-TX network port; 2 internal USB Host ports	2 Hi-Speed USB 2.0 Host ports; 1 Hi-Speed USB 2.0 Device port; 1 Gigabit Ethernet 10/100/1000Base-TX network port; 1 Hardware Integration Pocket; 2 internal USB Host ports
Languages	HP PCL 6, HP PCL 5c (HP PCL 5c driver available from the Web only), HP postscript level 3 emulation, native PDF printing (v 1.4)	
Network Capabilities	Via HP Jetdirect 10/100/1000Base-TX Ethernet embedded print server (standard); 802.3az (EEE); IPsec (standard), 802.11b/g/n wireless networking (optional)	
Fonts	105 internal TrueType fonts scalable in HP PCL, 92 internal scalable fonts in HP postscript Level 3 emulation (Euro symbol built-in); 1 internal Unicode Fonts (Andale Mono WorldType); 2 Internal Windows Vista 8 Fonts (Calibri, Cambria); additional font solutions available via third-party flash memory cards; HP LaserJet Fonts and IPDS Emulation available at http://www.hp.com/go/laserjetfonts	
Network Protocols	IPv4/IPv6: Apple Bonjour Compatible (Mac OS 10.2.4 or higher), SNMPv1/v2c/v3, HTTP, HTTPS, FTP, TFTP, Port 9100, LPD, WS Discovery, IPP, Secure-IPP, IPsec/Firewall; IPv6: DHCPv6, MLDv1, ICMPv6; IPv4: Auto-IP, SLP, Telnet, IGMPv2, BOOTP/DHCP, WINS, IP Direct Mode, WS Print; Other: NetWare NDS, Bindery, NDPS, ePrint	
Security	Management security: SNMPv3, SSL/TLS, 802.1X authentication (EAP- PEAP, EAP-TLS), IPP over TLS, IPsec/Firewall with Certificate, Pre-Shared Key Authentication, and Kerberos Authentication; Support for WJA-10 IPsec Configuration using IPsec Plug-in	
Dimensions (w x d x h)	20.2 x 19.3 x 15.2 in (514 x 491 x 385 mm)	20.2 x 19.3 x 15.8 in (514 x 491 x 402 mm)
Weight (with print cartridges)	74.8 lb (34 kg)	76.12 lb (34.6 kg))
System Requirements, Windows	PC: Microsoft® Windows® 7, Windows Vista®, Windows XP® (SP2 or higher), Windows® Server 2003 (SP1 or higher), Windows® Server 2008, Windows® Server 2008 R2; 200 MB available hard disk space; operating system compatible hardware system requirements, see http://www.microsoft.com Mac: Mac OS X v10.5, 10.6; 150 MB available hard disk space; operating system compatible hardware system requirements, see: http://www.apple.com	
What's in the Box	Printer, four preinstalled HP LaserJet toner cartridges (yield ~ 5,500 pages black and ~ 6,000 pages color), toner collection unit, in-box documentation (Getting Started Guide), software drivers and documentation on CD-ROM, power cable, HP Jetdirect Gigabit Ethernet embedded print server, 100-sheet multipurpose tray 1, 500-sheet input tray 2 M551dn: As above plus built-in automatic two-sided printing	
Warranty	One-year on-site warranty	

Environmental ranges	
Temperature range	Operating: 10 to 30º C (50 to 81º F) Recommended: 15 to 27º C (59 to 80.6º F) Storage: 0 to 35º C (32 to 95º F))
Humidity range	Operating: 10 to 70% RH Recommended: 20 to 60% RH Non-operating: 10 to 90% RH
Acoustic[5]	Active, Print: 6.6 B(A), Idle/Ready: 4.4 B(A)
Sound power emissions	Active, Print: 52 dB(A), Idle/Ready: 30 dB(A)
Sound pressure (bystander position)	

Power	
Power Supply required	Input voltage: 115 to 127 VAC (+/- 10%), 60 Hz (+/- 2 Hz), 12 A; 220 to 240 VAC (+/- 10%), 50 Hz (+/- 2 Hz), 6 A)
Power Consumption[7]	605 watts (printing), 51 watts (ready), 6.9 watts (sleep), 0.3 watts (off)
Typical Electricity Consumption (TEC)	4.053 kWh/Week
Safety approvals and requirements	IEC 60950-1 (International); EN 60950-1 +A11 (EU); IEC 60825-1; UL/cUL Listed (US/Canada); GS License (Europe); EN 60825-1 (Class 1 Laser/LED Device); Low Voltage Directive 2006/95/EC with CE Marking (Europe); other safety approvals as required by individual countries
Electromagnetic emission standard	CISPR 22: 2005 +A1/EN 55022: 2006 +A1 Class B, EN 61000-3-2: 2006, EN 61000-3-3:2008, EN 55024: 1998 +A1+A2, FCC Title 47 CFR, Part 15 Class B (USA), ICES-003, Issue 4, (Canada), GB9254-2008, EMC Directive 2004/108/EC with CE Marking (Europe), other EMC approvals as required by individual countries

[1]Measured using ISO/IEC 24734, excludes first set of test documents. For more information, see http://www.hp.com/go/printerclaims. Exact speed varies depending on the system configuration, software application, driver, and document complexity. [2]Exact speed varies depending on the system configuration, software application, driver and document complexity. [3]Duty cycle is defined as the maximum number of pages per month of imaged output. This value provides a comparison of product robustness in relation to other HP LaserJet or HP Color LaserJet devices, and enables appropriate deployment of printers and MFPs to satisfy the demands of connected individuals or groups. [4]HP recommends that the number of printed pages per month be within the stated range for optimum device performance, based on factors including supplies replacement intervals and device life over an extended warranty period. [5]Toner cartridge yields established using ISO/IEC test standards. Actual yields and costs vary considerably depending on images printed, number of color pages printed, and other factors. [6]Configuration tested: HP LaserJet Enterprise 500 color M551dn bundle tested simplex printing, A4 paper at an average of 32 ppm. [7]Power requirements are based on the country/region where the printer is sold. Do not convert operating voltages; this will damage the printer and void the product warranty. Power consumption in Auto-Off mode depends on customer network switch capability, user configuration and network activity. Off-mode power may vary while checking network packets for print jobs.

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